

MATERIAL SAFETY - Sodium Hydroxide

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY INFORMATION

Product Name: Sodium Hydroxide

Supplier: Chanjao Longevity Co., Ltd. 375 Pattanakarn Road, Bangkok 10250 Thailand

Emergency Phone No.: +662-002-7-002

Fax No.: +662-717-7176

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Composition (%)
Sodium Hydroxide	1310-73-2	100

Hazard Symbols: Not listed

Risk Phrases: Not listed

3. HAZARD IDENTIFICATION

Very hazardous in case of skin contact (corrosive, irritant, permeator), of eye contact (irritant, corrosive), of ingestion, of inhalation. The amount of tissue damage depends on length of contact. Eye contact can result in corneal damage or blindness. Skin contact can produce inflammation and blistering. Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing. Severe over-exposure can produce lung damage, choking, unconsciousness or death. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

4. FIRST AID MEASURES

Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

Skin Contact: Flush skin with plenty of soap and water – get medical attention if irritation occurs.

Inhalation: Remove to fresh air

Ingestion: Seek immediate medical attention if swallowed.

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5. FIRE FIGHTING MEASURES

General Information:

Non-flammable.

Extinguishing Media:

Dry Chemical, Sand, Carbon Dioxide, Foam.

6. ACCIDENTAL RELEASE MEASURES

General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Absorb into absorbent material. Wash area with soap and water.

7. HANDLING AND STORAGE

Handling:

Keep away from light and heat.

Storage:

Store in room temperature 15-25 Degree Celsius, kept container tightly closed. Do not expose to sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection:

Eyes: Safety glasses.

Skin: Lab gloves.

Clothing: Lab clothes is required.

Respirators: Certified/Approved respirator is required.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid/Pellet
Color:	White or slight yellowish
Odor:	Odorless
Solubility in water:	Easily soluble in both cold and hot water
pH (1%):	13.5
Boiling Point:	1388C
Melting Point:	323C
Specific Gravity:	2.13

10. STABILITY AND REACTIVITY

Stability:

Stable under normal conditions of storage and handling.

Conditions to Avoid:

None

Incompatibilities:

None

11. TOXICOLOGICAL INFORMATION

Lowest Published Lethal Dose: LDL [Rabbit] - Route: Oral; Dose: 500 mg/kg

12. ECOLOGICAL INFORMATION

Not available.

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13. DISPOSAL CONSIDERATION

Waste from Residue/Unused Products:

Dispose of in a manner consistent with federal, state, and local regulations.

14. TRANSPORT REGULATIONS

DOT Classification: Class 8 Corrosive Material

15. REGULATORY INFORMATION

This material is intended to be used as a cosmetic ingredient.

Hazard Symbol(s): Not available.

Risk Phrase(s): Not available.

16. OTHER INFORMATION

The information provided in this material safety data sheet is correct to the best of our knowledge. No warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Chanjao Longevity assumed no responsibility for any personal injury or property damage caused by the materials. Users assume all risks associated with the use of the materials.
